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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/208,962	12/10/1998	RICHARD A. ELCO	4414-D	8858

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EXAMINER

ABRAMS, NEIL

ART UNIT

PAPER NUMBER

2839

DATE MAILED: 01/08/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

Applicant(s)

Examiner

N. Abrams

Group Art Unit

2839

— The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address —

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

☒ Responsive to communication(s) filed on 12-13-02 RCE and prelim amdt

☐ This action is FINAL.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

☒ Claim(s) 46-64 is/are pending in the application.

Of the above claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) 46-64 is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claim(s) _____ are subject to restriction or election requirement

Application Papers

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119 (a)-(d).

☐ All ☐ Some* ☐ None of the:

☐ Certified copies of the priority documents have been received.

☐ Certified copies of the priority documents have been received in Application No. _____

☐ Copies of the certified copies of the priority documents have been received

in this national stage application from the International Bureau (PCT Rule 17.2(a))

*Certified copies not received: _____

Attachment(s)

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Interview Summary, PTO-413

☒ Notice of Reference(s) Cited, PTO-892

☐ Notice of Informal Patent Application, PTO-152

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Other _____

Office Action Summary

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The filing of a request for continued examination is noted. A first action follows.

Claims 46-64 are rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Claims 46, 51, 56, 61 are unclear and just how each one is readable on the disclosed devices is unclear.

Nor do the terms use find clear basis in the disclosure especially with regard to detailed embodiments of figs. 4-33. Readability and basis, if shown only for figs 1-3 does not seem adequate since these figures, as best understood, relate to theory and not to practical embodiments.

Claims 46-64 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The claims are unclear, for claim 1, and others insofar as they differ from claim 1, just how limitations read on disclosed devices must be explained.

Claims 46-64 are rejected under 35 U.S.C. 102(b) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Fedder alone or in view of ^{Seidler}~~Seidler~~, Romine, Kandibowski, Swamy, Tekka, Johary and Apap.

The claims are treated in so far as understood. Ground planes 112, 60 surround conductors 102, 54 with dielectric between ground planes and conductors. For claims 48-50, etc.

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obvious to use solder attachments in view of Seidler, Romine, Apap, Swamy, Teka and Johary. As alternative obvious to form Fedder system for surface mount to the pcb as in Kandibowski and to use solder connections in view of references noted above.

Claims 46-64 are rejected under 35 U.S.C. 102(b) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Mosquera alone or taken in view of Seidler and Swamy.

Note fig. 5, ground planes 56, 110, 54, etc that surround conductors 72, etc. Also obvious to use solder connections as in Seidler and Swamy.


Claims 46-64 are rejected under 35 U.S.C. 103(a) as being unpatentable over Korsunsky in view of Mosquera, Seidler, Swamy and Romine.

Ground planes 70, 170 are noted. Also obvious to add further shield (ground planes) as in Mosquera, fig. 5 at 56, 110, 56, etc and for claims 48-50 etc to use solder as in Seidler, Swamy and Romine.

Any inquiry concerning this communication should be directed to N. Abrams at telephone number (703) 308-1729.

Abrams/ek

12/27/02


N. ABRAMS
EXAMINER
ART UNIT 322